

## ABSTRACT

In accordance with the present invention, there is provided an apparatus comprising a tape having an information layer on which information is storable in the form of perturbations, an array of probes that in function faces the tape such that the probes scan the surface of the tape, means for selectively forming the perturbations via the probes, means for detecting the presence of the perturbations via the probes, and drive means for moving the tape relative to the array of probes. The apparatus allows to store high data capacities at a small form factor.